

Power Max Series
Large Dimension Mono Solar Module

SR-M672L SR-M672370L
 SR-M672375L
 SR-M672380L
 370~390W SR-M672385L
 SR-M672390L

IEC61215/IEC61730
 ISO9001:Quality Management System ISO14001:Environmental Management System
 ISO45001:Occupational Health and Safety Management System



PID Resistance



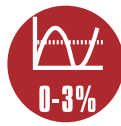
5 Bus Bar solar Cell
With PERC Technology



High Power Output



Strengthened Mechanical
Support 5400 Pa Snow
Load, 2400 Pa Wind Load

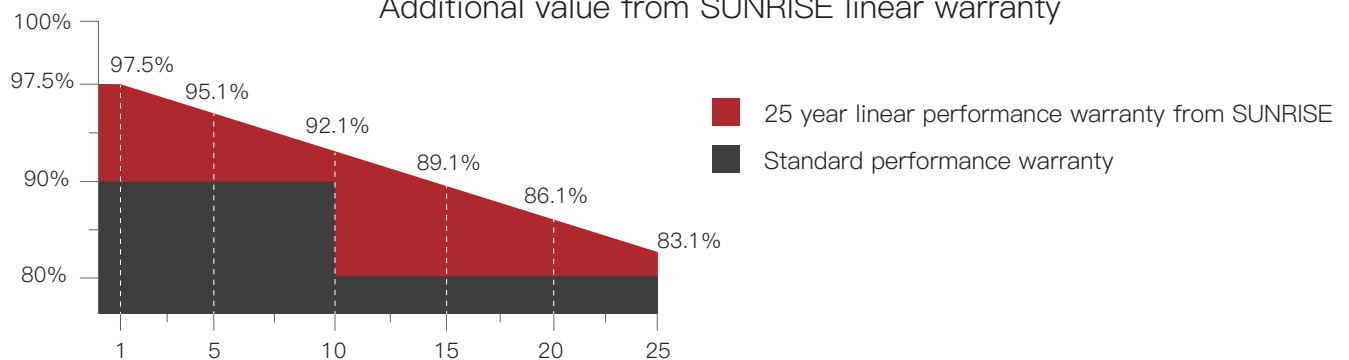


0~3% Positive Tolerance



Better Low-light
Performance

Additional value from SUNRISE linear warranty

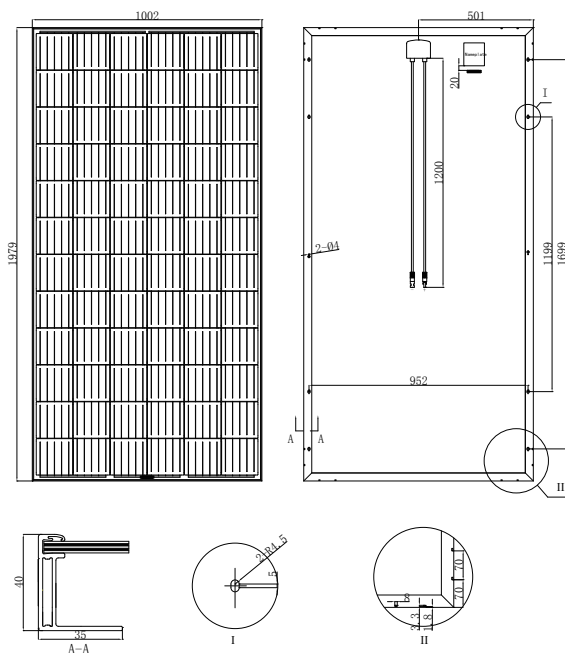


| Module Type | | SR-M672370L | | SR-M672375L | | SR-M672380L | | SR-M672385L | | SR-M672390L | |
|---|----------------------|--|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
| Test Environment | | STC | NOCT | STC | NOCT | STC | NOCT | STC | NOCT | STC | NOCT |
| Tolerance | (%) | 0~+3 | | 0~+3 | | 0~+3 | | 0~+3 | | 0~+3 | |
| Module Efficiency | (%) | 18.66 | | 18.92 | | 19.17 | | 19.42 | | 19.67 | |
| Maximum Power | P _{max} (W) | 370 | 275 | 375 | 279 | 380 | 283 | 385 | 287 | 390 | 291 |
| Open Circuit Voltage | V _{oc} (V) | 46.18 | 42.9 | 46.42 | 43.12 | 46.74 | 43.42 | 47.06 | 43.73 | 47.14 | 43.82 |
| Short Circuit Current | I _{sc} (A) | 9.93 | 8.06 | 10.01 | 8.12 | 10.18 | 8.26 | 10.2 | 8.28 | 10.25 | 8.32 |
| Maximum Power Voltage | V _m (V) | 38.7 | 35.91 | 38.9 | 36.1 | 39.1 | 36.29 | 39.3 | 36.49 | 39.5 | 36.59 |
| Maximum Power Current | I _m (A) | 9.57 | 7.73 | 9.65 | 7.79 | 9.72 | 7.85 | 9.8 | 7.92 | 9.88 | 7.97 |
| Cell Type | (mm) | 158.75×158.75 (Mono-Crystalline Silicon) | | | | | | | | | |
| Number of Cells | (Pcs) | 72(6×12) | | | | | | | | | |
| Maximum System Voltage | (V) | DC1000/DC1500 | | | | | | | | | |
| Temp. Coeff. of Voc | (%/°C) | -0.282 | | | | | | | | | |
| Temp. Coeff. of Isc | (%/°C) | 0.041 | | | | | | | | | |
| Temp. Coeff. of Pm | (%/°C) | -0.387 | | | | | | | | | |
| Operating Temperature | °C | -40 to 85 | | | | | | | | | |
| Nominal Operating Cell Temperature (NOCT) | °C | 45±2 | | | | | | | | | |
| Max. Series Fuse | (A) | 15/20 | | | | | | | | | |
| Pressure Bearing | (Pa) | 5400 | | | | | | | | | |
| Wind Bearing | (Pa) | 2400 | | | | | | | | | |

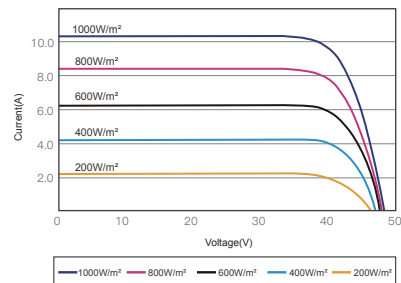
STC: Irradiance 1000W/m², Cell temperature 25°C, AM1.5

NOCT: Irradiance 800W/m², Ambient temperature 20°C, Wind speed 1m/s

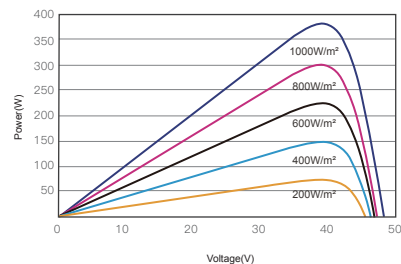
ENGINEERING DRAWINGS



IV CURVES



I-V CURVES OF PV MODULE(380W)



P-V CURVES OF PV MODULE(380W)

Manufactured in China

MATERIAL DETAILS

| | |
|-----------------|--|
| Frame | Anodized aluminum |
| Glass | 3.2mm low-iron tempered suede glass |
| Cell | 6×12 pcs 158.75mm mono solar cell |
| Junction Box | Rated Current ≥ 15A, IP ≥ 68, TÜV & UL |
| Diode quantity | 3 |
| Cable&Connector | 4mm ² , MC4 or MC4 compatible 4mm ² , EVO2 or EVO2 compatible |

PACKING DETAILS

| | | |
|------------------|------------|------------------------------------|
| Dimension | (mm) | 1979×1002×40 |
| Weight | (kg) | 22.4 |
| Loading Capacity | | 260 pcs / 20'GP 638 pcs / 40'HC |
| Packing | pcs/pallet | 26 |